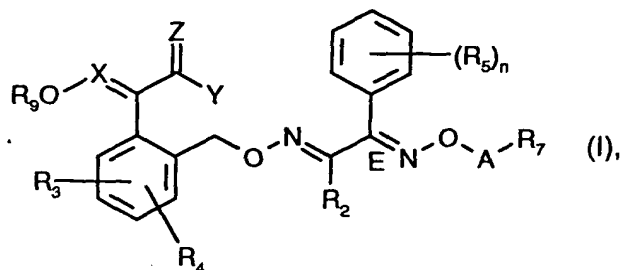


## Process for the preparation of pesticides

### Abstract

The invention relates to a process for the preparation of compounds of the formula



or, if appropriate, a tautomer thereof, in each case in the free form or in salt form, in which A, X, Y, Z,  $R_2$ ,  $R_3$ ,  $R_4$ ,  $R_5$ ,  $R_7$ ,  $R_9$  and n are as defined in claim 1 and the C=N double bond marked with E has the E configuration, which comprises

a1) reacting either a compound of the formula (II) mentioned above with a compound of the formula (III) mentioned above, in which  $X_1$  is a leaving group, or

a2) a compound of the formula (IV) mentioned above, if appropriate in the presence of a base, with a compound of the formula (V) mentioned above, or

b1) reacting a compound of the formula (VI) mentioned above with a compound of the formula  $R_7-A-X_2$  (VII), in which  $X_2$  is a leaving group, and either further reacting the compound thus obtainable, of the formula (IV), for example according to method a2), or

b2) reacting it with hydroxylamine or a salt thereof, if appropriate in the presence of a basic or acid catalyst, and further reacting the compound thus obtainable, of the formula (II), for example according to method a1), or

c) reacting a compound of the formula (VIII), mentioned above with a  $C_1$ - $C_6$ alkyl nitrite and further reacting the compound thus obtainable, of the formula (VI), for example according to method b), the E isomers of the compounds of the formulae (II), (IV) and (VI), a process for their preparation and their use for the preparation of compounds of the formula (I).